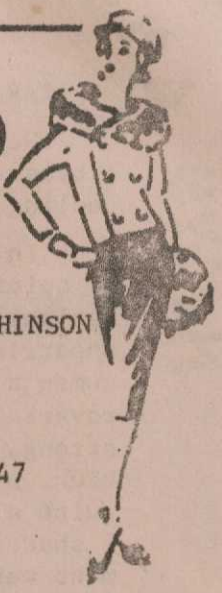
KNITTING MACHINE NEWS & VIEWS



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NEWS AND VIEWS OF THE EDITORS

February, 1975

DEAR KNITTERS,

Well, as most of you are aware, the February issue arrived a little late. I became a victim of this "new flu", and then we had a new arrival. I'm now feeling much better, and we now have a beautiful new grand daughter, Jewel Lee.

In the March issue I always carry the previews of coming styles. This year my spies have been strangely silent. Articles covering style shows by the top designers seem to be total un-inspired. One notable item is that it now almost unpatriotic to appear in the big, bulky, layered look pushed last year. While women's trousers seem here to stay, many designers ignored them. Another complete reversal is from the soft muted colors of the Fall- Winter season to Spring's strong, clear colors. You will find in top place chrome yellow, real red & true blue. Also grass green, bright orange, coral, navy & dark brown. Violet appears quite a bit, also. Many garments (some designers showed their entire line in 1 shade) are in cream, off white, or beige. A few pastels in peach, lilac, and mint were seen.

Starting with this issue we are introducing a column devoted to the male machine knitter. Renewal forms showed that a surprisingly large percentage of men do knit. They will be sharing their favorite patterns with you. With the exception of the article in this issue, your host will be Dennis Cook. At age 35 Dennis, who was a successful florist designer, became totally disabled from multiple Scelerosis. While at a home show, Dennis discovered a knitting machine on display and decided that this could be the answer to some way in which to fill the long empty hours. His grandmother had taught him to knit, tat, & crochet, as a child. The machine proved to be the productive and profitable past time he had hoped it would be. Before long he had 5 men interested in machine, and they formed a club, called the "Misterknitters." Within 6 months the club had doubled in size. It is Dennis Cook's wish that his column will be the open doo to the male chauvinist of the knit world. If you have a male member of the family who knits, won't you please send him a little information, such as how he first became interested in a machine, how long he has been knitting, an approximate age, and also one of his favorite patterns. Could we stretch our luck a little further and also ask for a snapshot? (we'll return it to you un-harmed.) Mail to Dennis Cook, 16918 E. Pagosa Way, Denver, Colorado 80239.

HOPING TO KEEP YOU ALL IN STITCHES.

Allen & Walter O'Hutchinson

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THINGS AND STUFF

Hazel Mae Selzer
2375 Bellwood Dr.
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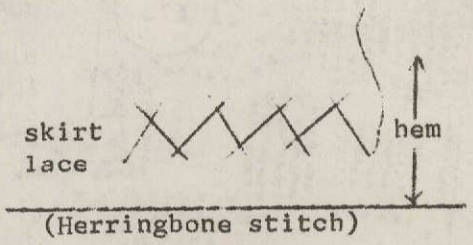
NEW HEM IDEA

I've been trying for a long time to get a neater way of hemming. I've done this on a 4 panel A-line skirt and like it better than any way I've tried. I use lace.....the kind you see advertised in magazines 50 yards for $1.00. I received 5 10-yard pieces, each a different color and a different width. I expect to get more of this as it is much cheaper than the package kind in the 5/10¢ stores.

First I blocked the skirt and smoothed the cast on edge down as much as possible. Then I layed the lace on the sewing machine and placed the cast on edge (right side of skirt up), on about 1/3 of the lace and used the zigzag stitch to sew. This could be sewn with straight stitching. Be careful not to stretch it or your bottom will flare. You must sew very slowly, uncurling the cast on edge as you go. Putting the cast on edge on TOP of the lace instead of putting the lace on top of the cast on edge gives a much neater look from the right side, when the hem is finished.

The second, and most important step is HOW to sew this hem to finish. First, fold up hem and baste or pin in place. I use the herringbone stitch, going through the top half of the knitting only with needle and thread, so this can't be seen on the right side. When going through the lace part be sure to catch both lace and knitting. This puts the hand sewing on the skirt hem in 2 places like this: ‾-‾-‾-‾-‾-‾ . It gives more support to the hem and less sag, which is what helps to make the hem more prominent from the outside in the first place.



(Herringbone stitch)

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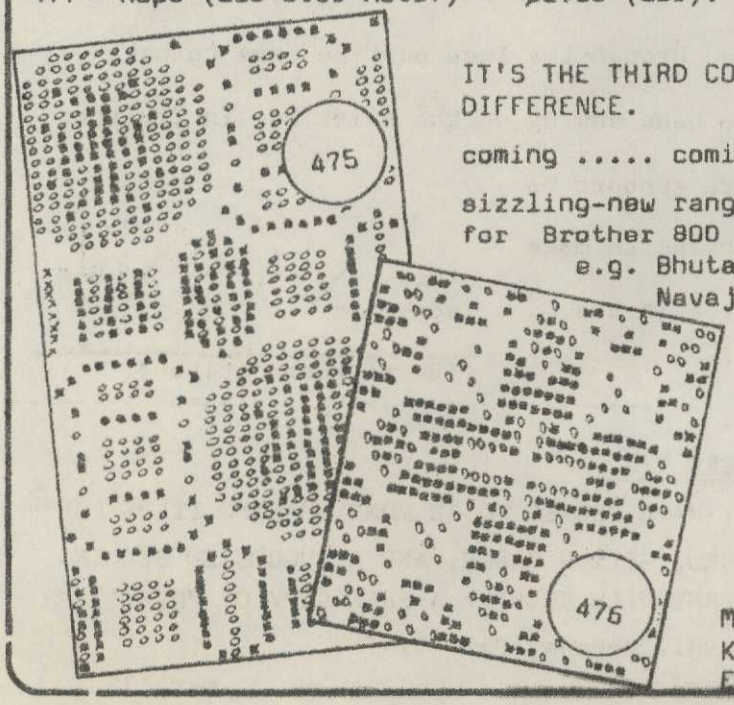

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TRY THIS! by HAZEL ROSE

SAN JOSE, CALIFORNIA

Long skirts are so much in style these days everyone should have at least one. Here is an idea that is easy and effective. The hand seaming was endless, so the second one I seamed on the sewing machine. This skirt has 14 panels, 7 plain and 7 pattern. The colors used were bright royal blue and white. The pattern pictured is #45 on page 13 in the Studio Memo-matic Book; however, any card or cards can be used. BE SURE TO MARK THE PANELS WITH A PIECE OF CONTRAST YARN EVERY 40 ROWS AS A GUIDE, so the panels can be seamed accurately. (This is a 40 row pattern, so I marked the edge at the beginning of each pattern.) The plain panel is plaited in monofil (not Ultrite) to make it the same weight as the pattern panel.

Material: 2 st. 2/20 orlon, approx 4 oz blue, 12 oz white

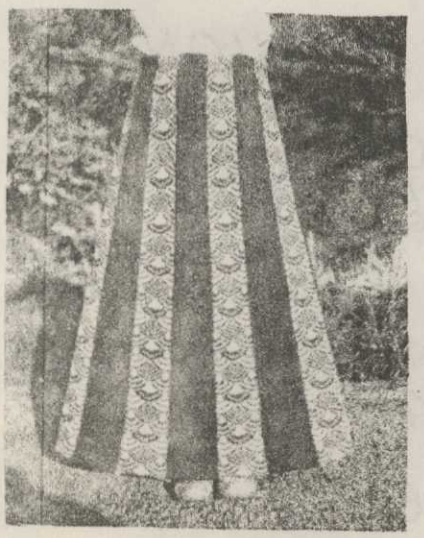
Tension: T.5 on Studio Gauge: 7.55 sts, 10.5 rs = 1"

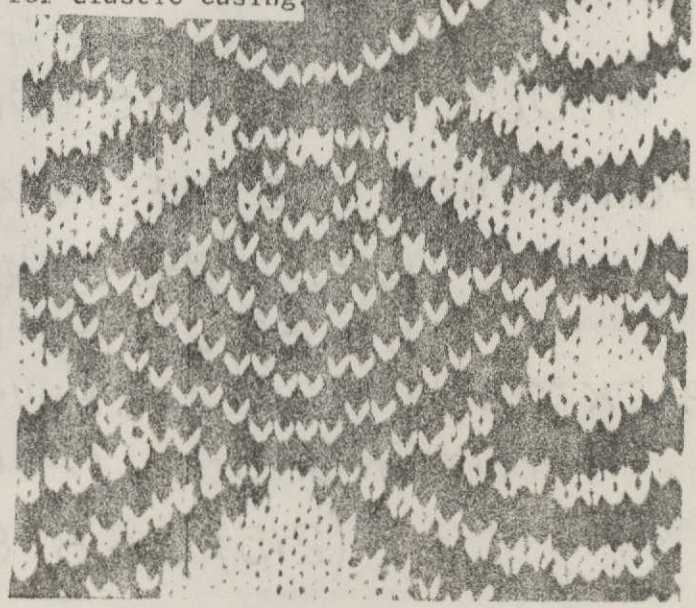
Pattern size: 28" waist-----38" hips---36" length

For plain panel CO 35 sts. For pattern panel CO 34 sts waste yarn.
Knit about 1 inch. Change to main color (s) and knit 12 rows.

Counter at 0. Continue knitting.
Dec 1 st each side every 62 rows 5 times ; then dec 1 st each side every 19 rows 3 times.
Knit to row 404--Take off on waste.

After seaming, single crochet around top and bottom, catching each loop. Remove waste yarn and turn up 12 rows for hem and turn down 12 rows for elastic casing.





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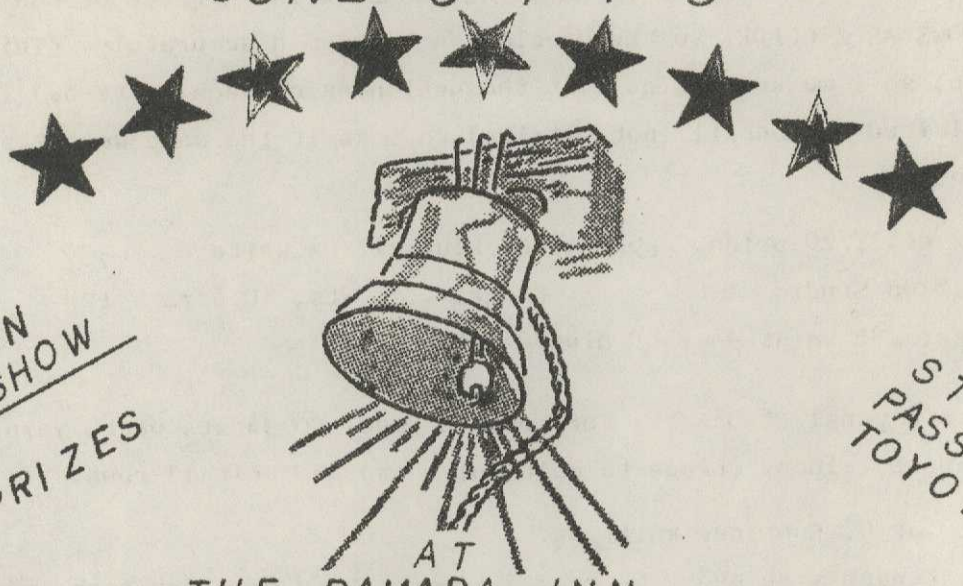

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Before further comments on the Dial Selector's action, I think a better understanding of the use of the pushers would be beneficial.

The position for NEUTRAL is when the foot of the pushers are resting against the very most bottom of the blocking rail. They cannot be moved up in their respective channels unless the blocking rail is moved by pressure applied to the small push buttons located at the left on both of the blocking rails; move the front to the right, the back to the left, thereby opening the channels. Then the pushers can be brought out of the blocking rail into the lower part of the beds. The blocking rail MUST be able to spring automatically back into its normal position as soon as pressure is released from the small buttons at the left side of each bed. DO NOT LEAVE ANY PUSHER PARTLY BLOCKING RAIL SO THAT THE RAIL IS HELD OPEN AT ANY TIME.

REST POSITION: When the foot of the pusher is resting on the top edge of the blocking rail it is in a resting position and can be lifted by the mechanism within the lock at any time the lock is so set.

WORKING POSITION: When the pusher is in the lower third of the pusher bed, the pusher is in working position and will be lifting its corresponding needle into work with the movement of the lock.

"BX" Setting: When the dial selector is set for BX, and the pushers moved into working position under the needles desired, the lock can be moved across the beds without any changes in the pushers. The needles under which are the pushers will knit normally, but the needles that have no pushers under them, or that have their pushers in rest position will not knit.

In order to get an automatic movement of the pushers, the arrowed keys must be brought into action. Whenever one of the arrowed keys are pushed down nearest the lock, automatically the work pushers will be moved into rest position and the rest pushers will be raised into work position on the movement of the lock across the bed. They will stay in this position until the lock is brought back to the original position of the lock when the key was pushed down. This explains the rule: when one key is pressed down nearest the lock or knitted section, the pushers change position automatically every SECOND row.

If both arrowed keys are pressed down then the pushers will automatically change positions EVERY ROW. By pressing the 0 button the arrowed keys will be released.

With this understanding of the keys in relation to the pushers, let us take a specific sample of the BX setting which brings into work many aspects of the pushers and keys. Cast on as many stitches, in your favorite manner, as you wish. Place the lock at the right side of the bed. Knit a few rows to give body to the work, set tension suitable for weight of yarn used, make the following set up on the dial selectors and keys:

```
p p p p p
 p p p p      BX <--> Lock
111111111
111111111     BX <---

ppppppppp
```

Move the lock to the left of the beds and you will see this:

```
                    p p p p
Lock   BX -----    p p p p p
                   111111111
       BX -----   111111111

                   ppppppppp  (rest position)
```

Both b ds h ve had the pushers changed because the keys were down nearest the knitted section. You will note that alternating needles were knitted on the back bed and no needles knitted on the front bed. Move the lock back to the right hand side and this is what happens:

```
  p p p p p
   p p p p      BX ----- Lock
  111111111
 111111111     BX -----

 ppppppppp
```

The front bed pushers remained in the same position (rest) which carries out the rule that the pushers will change every second row when the key nearest the the knitted section is pushed down; likewise the pushers will be moved with each row if both keys are down.

With the next movement of the lock to the left, the back bed will again change the pushers, knitting on alternate needles, while the front bed will put the pushers in work position and will knit for two rows. (over and back).

INCREASES AND DECREASES: Caution must be practised when making either increases or decreases with this set up on the machine. The increases and decreases are made as with ordinary knitting, BUT CARE MUST BE TAKEN TO PUT NEW PUSHERS UP FROM THE BLOCKING RAIL WITH INCREASES. PUSHED DOWN INTO THE BLOCKING RAIL WITH DECREASES.

NUMBER OF STITCHES INCREASED OR DECREASED: When reading your charts you must realize that we are dealing with one bed forming the lining for the other bed. Therefore, when increasing or decreasing, the stitches must be made on both beds. If the chart reads 2 this would mean 1 one the front and 1 on the back bed, but the result is only 1 stitch on the face of the work.

Should your chart read, as an example: +5x4.4 would mean make an increase of 2 sts on the front and 2 sts on the back (4 sts) 5 times every 4th row. If working on a piece of work where shaping is on both sides, this would mean to work this increase on both sides, sach as on a sleeve.

As a precaution, I like to take the time to mark down the number of the row where such changes are to be made. In this way I can leave the work for any length of time without becoming confused when I return. I call this a working sheet. For example, working on a sleeve, +5x4.4

Stitch:	100	108	116	124	132	140
Row counter:	00	4	8	12	16	20

THis is where there are increases on both edges of the work. If I were working on a front, where the front edge was straight (open) and the increases would be made on the side seam only, the work sheet would look like this:

Stitch:	100	104	108	112	116	120
Row Counter:	00	4	8	12	16	20

In making decreases, I like to make them by using short rows wherever possible. In taking off the stitches for a sleeve cap I always use the short row method so there will be no "stairsteps" on the part where I have to join the sleeve to the body. Instead, there is a smooth and even edge to sew into the body of the sweater or garment.

Remember, when making decreases, it is not sufficient to just push the pusher into rest position---it MUST be put completely into NEUTRAL position it will be picked up again with the changes of the lock.

Should there be an error (and who doesn't have them, some time?), the setting must be changed to a "GX" setting, which will give you a free movement. CAUTION: be sure to note the position of the pushers at the time you go into "GX", also the row counter. Even in GX any movement of the lock across the beds will change the pushers if they are left out of the NEUTRAL position. Also, the row counter will continue to count any time the lock is passed over the cam that changes the counter. Note these carefully, write them down, if necessary, then correct your errors. If you must ravel out any rows, please count them carefully so that you can deduct these rows from your row counter. Also, calculate where your pushers would be if the number of rows were deducted. After you have reached the spot where the error was made, I find it very useful to ravel out one good row, watching the needles which were in work and which were in rest, thereby being able to set the pushers in the proper position before starting again on the work. Set your row counter, minus the rows ravelled out, and begin again.

Familiarize yourself with this set up, as it is going to be the very same set up to use with FAIRISLE knitting with the exception of making changes in the front bed to conform with the design desired. More about this later.

NOTE: Elephant Baby Crib Cover contained an error. The total number of stitches per block is 30 sts throughout. If space permits, we will re-print this.

Any questions will be gladly answered by the writer, and they are welcome. (Please include a S.S.A.E. if you wish a personal reply). Let us get the maximum out of our PASSAP DUOMATIC. It can do beautiful work. A little patience makes you a good knitter.

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3/18 ASTRACRYL PERLA: 5101 White 5103 Baby Yellw 5105 Deep Yellow 5108 Orange 5115 Gold 5122 Cocoa Brown 5120 Beige 5118 Olive Green 5110 Burnt Orange 5121 Tan 5129 Dark Brown 5130 Pink 5132 Rose 5134 Old Rose 5136 Hot Pink 5138 Wine 5142 Bright Orange 5146 Deep Red 5155 Plum 5160 Baby Blue 5162 Light Blue 5164 Sky Blue 5168 Royal Blue 5170 Dark Blue 5173 Aqua 5175 Steel Blue 5156 Lavender 5159 Purple 5116 Kelly Green 5181 Pea Green 5183 Lime Green 5188 Sea Green 5199 Black.

4/18 Astracryl Perla: 5201 White 5203 Baby Yellow 5207 Orange 5215 Gold 5218 Rust 5212 Burnt Orange 5220 Tan 5223 Fawn 5226 Chocolate Brown 5231 Pink 5247 Maroon 5243 Bright Orange 5261 Baby Blue 5268 Royal Blue 5269 Navy Blue 5273 Aqua 5276 Teal Blue 5282 Pea Green 5285 Kelly Green 5292 Gray 5299 Black.

CARINO: 801 White 802 Lt. Yellow 804 Yellow 807 Orange 809 Rust 815 Off White 816 Gold 817 Fawn 825 Brown 827 Pink 829 Deep Rose 838 Red 840 Med. Red 845 Deep Red 859 Plum 861 Baby Blue 863 Sky Blue 867 Blue/Gray 869 Royal Blue 873 Dark Blue 875 Aqua 876 Peacock 878 Lavender 879 Purple 886 Pea Green 888 Forest Green 890 Girl Scout Green 882 Dark Green 883 Very Dark Green 893 Light Gray 899 Black.

PERLA TAMMCRIL: 501 White 504 Baby Yellow 506 Yellow/Gold 509 Rust 512 Tan 523 Brown 531 Hot Pink 534 Salmon Pink 536 Rose 543 Orange 545 Wine 557 Deep Wine 560 Baby Blue 566 Royal Blue 570 Dark Blue 572 Aqua 577 Peacock 587 Moss Green 584 Kelly Green 592 Gray 599 Black.

ESPLENDOR: 901 White 902 Baby Yellow 904 Deep Yellow 907 Orange Light 908 salmon 909 Orange 910 Burnt Orange 916 Beige 922 Chocolate Brown 925 Dark Brown 927 Baby Pink 933 Old Rose 930 Rose 934 Plum 938 Purple 940 Orange/Red 944 Red 947 Dark Red 961 Baby Blue 962 Steel Blue 963 Sky Blue 969 Royal Blue 975 Light Blue 977 Aqua 982 Sea Green 985 Kelly Green 987 Forest Green 992 Light Gray 994 Steel Gray 999 Black.

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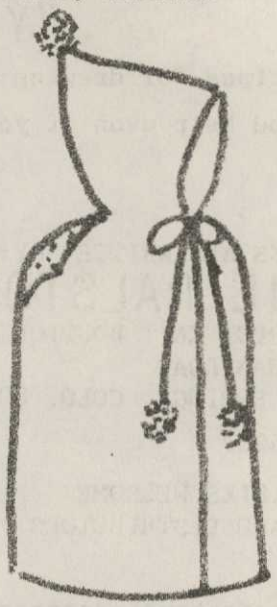
BABY BUNTING (WOVEN)

MATERIAL: 8 oz. white 4-ply worsted weight
2 strands 2/24 cone yarn

A LITTLE LAMB ORIGINAL
BY CHARLENE SHAFER
PERU, INDIANA



Using white 4-ply over colored cone yarn will give a frosted effect. Don't be afraid to use bright colors because the white will tone it down.

Tension 8 Weaving pattern designed for Brother 588:

ROW	BUTTONS	SLIDE DIAL
1	4, 8	1
2	2, 4, 8	2
3	2, 4, 8	3
4	2, 4, 8	4
5	4, 8	5
6	4, 6, 8	4
7	4, 6, 8	3
8	4, 6, 8	2

FOR OTHER MACHINES: ANY DESIRED WEAVING PATTERN

Cast on 40 sts. Increase 5 sts. every row to 100 sts. Reset RC 0. Knit pattern to Row 266.

RIGHT FRONT
Take off 50 sts. on scrap. Work in pattern to row 418
Decrease 5 sts. EOR till 20 sts. remain (decrease on the side, not in the center.) Bind off.

LEFT FRONT
Repeat from * to *
On row 418 cast on 8 sts to center front for tab. Row 419 decrease every other row 5 sts. on the side until 28 sts. remain. Bind off.

HOOD
Pick up sts. from 1 front and half of back (do not pick up sts. from tab.)
Increase on center back 1 st. on rows 2, 4, 6, 8, 10 & 12 full fashion.
Knit 135 rows.
Decrease on center back 1 st. on rows 135, 137, 139, 141, & 143. Knit 2 more rows and bind off.
Pick up sts. from front of hood and knit 8 rows with cone yarn. This makes a casing for a draw string knitted from 4-ply weight.

FINISHING
On the tab either work a buttonhole or use a large snap. Sew side seams. Make an inverted pleat in bottom about 2 inches deep. Crochet around the front opening and sew in zipper. Run drawstring through casing and add 2 pompoms to ends of cord. A pom pom may be added to the point of the hood. Turn down edge of shoulder to make a point and sew in place with 2 small buttons.

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"BARBARA'S KNITTERY,
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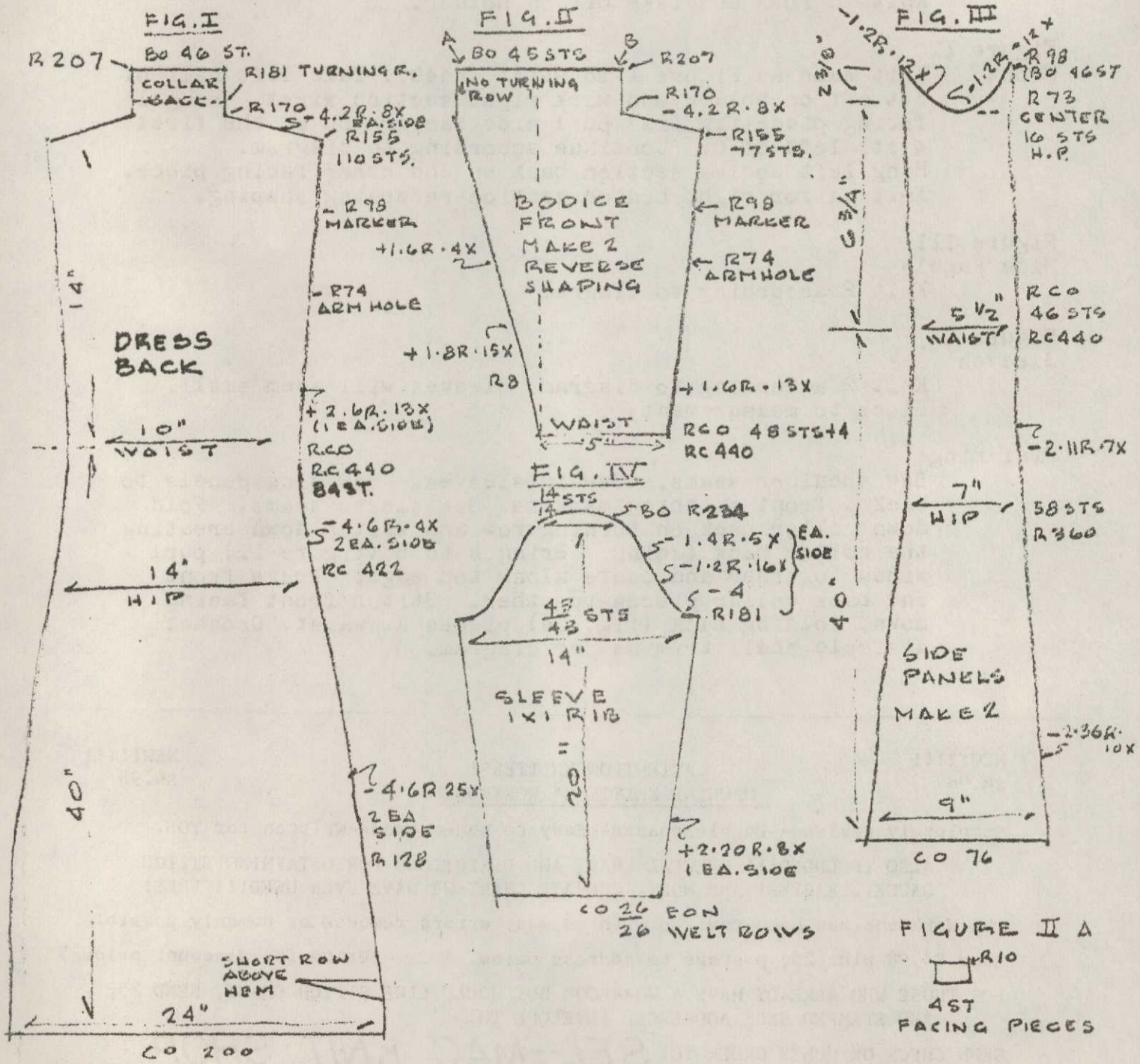
ROYAL BLUE GOWN

Size: 8-10
Material: 22 oz. Millor Trenzado
Gauge: 8.3 sts, 11 rs=1" stockinette
11.5 rs ribbing

Tension: stockinette T5
ribbing T 3/2
Legend: sts.rows.times



Ease is allowed at hip and waist for fluid lines. Follow diagram, placing markers every 30 rows. Inc. and dec. are done FF with 10 needle tool except sleeves and center front of bodice. Shoulders and armhole shaping are done short rows.

mar.'75

Figure I
Back — Knit according to diagram placing 30 row markers;and contrast markers at armhole (R 74) and R 98 for ease in assembling.

Figure.IIa
Facing pieces
Make 2 before beginning Figure II. Permanent Cast On 4 sts Knit 10 rows and take off on holder.

Figure II
Front — Knit same as Figure I to waist (R440). Take left half of sts off on holder and work right section first. Hang 1 facing piece(fig.IIa) purl side facing you on the first 4 sts left of O. Continue according to diagram. Hang left bodice section back on and other facing piece. Knit as for right bodice section reversing shaping.

Figure III
Side Panels
Knit 2 according to diagram

Figure IV
Sleeves
Knit 2 according to diagram. Sleeves will seem small. Block to measurements .

Finishing:
Sew shoulder seams. Sew in sleeves. Sew side panels to back & front matching markers. Sew sleeve seams. Fold down collar back on turning row and stitch down creating the collar back facing. Bring A to B (figure II) purl sides together and baste along top edge. Weave front and back collar pieces together. Stitch front facing down, folding back (fig.IIa) pieces at waist. Crochet a simple shell trim as per diagram.

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MAN'S STRIPED T-SHIRT

Material: about 200 (200-200-200-200-250) gms Perla Tammcril in main color (M); 150 (150-200-200-200-200) gms in contrast color (C); 4 buttons.

Sizes: to fit chest sizes 34 (36-38-40-42-44) ins. Finished measurement is 36 (38-40-42-44-46) ins. Length to shoulder 27 (27 1/4-27 1/2-27 3/4-28-28 1/4) ins; Sleeve seam 3 1/2 (3 1/2-3 1/2-4-4-4) ins.

Gauge: 15½ sts, 20 rs = 2" measured over stockinette stitch on T. 7.2

Stripe Pattern:

Knit 6 rs in M, 2 rs in C. Repeat these 8 rows once.
Knit 2 rs in M, 2 rs in C, 2 rs in M.
Knit 6 rs in C, 2 rs in M, Repeat these 8 rows once.
Knit 2 rs in C, 2 rs in M, 2 rs in C.

Repeat these 44 rs for pattern.

BACK:

Bring 140 (148-156-164-172-180) needles to B position, then return every 3rd needle to non-work position.
Cast on and knit several rows with waste yarn. Knit 1 row with ravel cord.
Change to main yarn (M). T. 7. Knit 20 rows. Knit 1 row on T. 9 for fold line. 000. T. 7.
Working in stripe pattern knit 20 rows.
Bring needles in A position back to B position. Make a hem filling the empty needles.**T 7.2. Knit straight in pattern to 194 rows.

Shape armholes: Bind off 6 (6-7-7-8-8) sts at beg of next 2 rows. Dec 1 st at each end of next 9 rows, then every alt row 3 (4-4-5-5-6) times. 104 (110-116-122-128-134) sts remain.*** Knit straight to 76 (78-80-84-86-88) rows.

Shape shoulders: Bind off 6 (6-6-7-7-7) sts at beg of next 8 rows and 6 (8-10-8-10-12) sts at beg of next 2 rows. Slip remaining 44 (46-48-50-52-54) sts on to a knitting needle.

FRONT:

Knit as for back to **. T. 7.2. Knit straight in pattern to 158 rows. Carr. on R.

Divide for opening: Using odd length of matching yarn knit the 4 sts at center through by hand loosely and chain stitch bind them off. Push needles at left to hold position. Complete the right side first. Knit staright to 194 rows. (Knit 1 row extra for 2nd side).

Shape armhole: 000. Bind off 6 (6-7-7-8-8) sts at beg of next row. Knit 1 row. Dec 1 st at armhole edge on next 9 rows, then every alt row 3 (4-4-5-5-6) times. 50 (53-56-59-62-65) sts remain. Knit straight to 49 (51-53-57-59-61) rows.

Shape neck: Bind off 8 (9-10-11-12-13) sts at beg of next row. Dec 1 st at neck edge on next 5 rows, then every alt row 7 times. 30 (32-34-36-38-40) sts remain. Knit straight to 76 (78-80-84-86-88) rows.

Shape shoulder: Bind off 6 (6-6-7-7-7) sts at beg of next and every alt row until 6 (8-10-8-10-12) sts remain. Knit 1 row. Bind off.

Return left side to work and complete side to match first reversing shapings.

SLEEVES.

Bring 84 (88-92-96-100-104) needles to B position. Work as for back to **. For striped sleeves begin on row 29 (29-29-23-23-23) of pattern. T. 7.2. Knit 4 rows. Inc 1 st each end of next and every alt row 4 times in all. 92 (96-100-104-108-112) sts. Knit straight to 34 (34-34-40-40-40) rows.

Shape top:000. Bind off 6 (6-7-7-8-8) sts at beg of next 2 rows. Dec 1 st at each end of next 3 (3-3-5-5-5) rows, then every alt row 3 times. Knit 3 rows. Dec 1 st at each end of next and every following 4th row 5 times in all, then every 4th row 5 times in all, then every alt row 4 (4-5-5-6-6) times, then on next 3 (5-5-5-5-7) rows. Bind off 3 sts at beg of next 8 rows. T. 10. Knit 1 row and chain bind off.

NECKBAND:

Join shoulder seams. Bring 122 (126-130-142-146-150) needles to B position. With wrong side facing and beg at right hand side, pick up and place on machine 8 (9-10-11-12-13) sts from front, 31 (31-31-35-35-35) sts up front neck, 44 (46-48-50-52-54) sts from back neck, 31 (31-31-35-35-35) sts down front neck and 8 (9-10-11-12-13) sts across front. Using main yarn knit 1 row. Transfer every 3rd stitch to adjacent needle and push empty needles back to A pos. Knit 3 more rows. Work 2 rows in C and 4 rows in M. T. 9. Knit 1 row. T. 7. Knit 10 rows. T. 10. Bring empty needles to B position. Knit 1 row. Chain bind off.

BUTTONHOLE BAND:

To make buttonholes use oddments of yarn and knit sts thruogh by hand.
With wrong side of left front facing pick up and place on machine 64 (66-68-72-74-76) sts up front opening and 4 sts from neckband edge. T.7. Using M yarn knit 2 rows, then 1 row in C yarn. Make buttonholes over 3 sts, the first being on the 3rd, 4th & 5th sts from neck edge. Leave 14 (15-16-16-17-18) sts between buttonholes. Knit 1 row in C yarn, 2 rows in M. T.9. Knit 1 row. Return to T. 7 and knit 3 rows, making buttonholes on the next row. Knit 3 rows. T.10. Knit 1 row. Chain bind off.

BUTTON BAND:

Work as given for Buttonhole Band omitting Buttonholes.

TO FINISH:

Block pieces, join side and sleeve seams. Insert sleeves. Turn bands to wrong side and slip stitch in place. Pull out waste yarn from buttonholes and finish taking care to catch every stitch. Finish bottom edge of bands. Sew on buttons. Block.

CLUB NEWS

CAM-A-LOT KNIT CLUB MEETS THE 1st & 3rd TUESDAYS EACH MONTH IN ELK GROVE, CALIF. 10:00 A.M. PHONE GLADYS BIANCALANA FOR INFORMATION: 685-4949

TECHNIQUES

Did you know that the experts tell us that the first thing the eye sees when looking at a garment? They tell us it is the hem, and that no matter how well the remainder of the garment was done a poor hem ruins it. As usual, our readers have discovered a great variety of methods, and SHARED them with us. You know that this sharing is the backbone of the magazine, don't you?

Well, first, since this may be reaching many very new knitters, let's run over the basic hem. Hems on machine-knit garments have a horrible tendency to flare out or stand out from the garment. We can easily outwit the machine. I feel that unless the garment is to be something extra special, the added work involved in using scrap yarn and ravel cord is not warranted. Use a permanent cast on. This will count as a row. Knit the underside of the hem 2 tensions tighter. To make the edge lay flat, make a turning row by knitting 1 row at very large tension (about 5 tensions looser). Garment row count starts from this point, so unless otherwise instructed, turn counter to 000. Incidentally, most hems are about one inch deep (enough to give a little weight, but not cause a sag). Now the outer side of the hem will be knit at 1 tension tighter. Pick up the cast on edge and hang on corresponding needles. If you come out with too many loops left over, or not enough, you can always dislodge your work and rehang. It must be hung evenly or hem will twist. Now you have two sets of stitches on each needle. If this row were knit at the normal tension it would make a definite tight line across your work, so loosen the tension about 2 or 3 numbers and knit the closing row. Return to main tension and continue on. An alternate method would be the picot edge hem. This is lovely for feminine and baby garments. Instead of that loose turning row, transfer every other stitch to the next needle. Make sure that all needles remain in work position. The final trick to a nice hem is to run a knitting needle through the hem, gathering, or bunching toegther on the needle, while pulling lengthwise at the same time. You can almost see those stitches tightening and elongating as you do this. A little smoothing out by hand will then show you what you have accomplished. Now, let's hear from some PRO'S:

Jeanne Salzer, Olympia, Washington

1. Woven cast on.

Weave yarn over and under needles, always coming under last needle on carriage side.

Knit the first 2 or 3 rows carefully, then continue for width of hem, using the usual tensions you would for a hem.

Pick up edge and hang on every other needle.

2. Decorative edge hem.

Weave over and under needles from left to right.

Weave over and under needles from right to left (opposite needles).

Knit first few rows carefully, then continue for width of hem.

Pick up and hang on every other needle. Knit 1 row.

Turn work with garter bar., then continue garment.

Demonstrated by Marge Cook, California, and submitted by a reader (Seminar)

3. Neat hem at end of a garment.

At the row that is usually marked with thread, hang cast on comb on machine.

Select every other needle. PART buttons in* Knit 1 row. Drop comb.

Leaving comb hanging in work, knit entire hem, changing tensions, doing turning row, etc.

When ready to hang hem, pick up cast on comb and dump stitches off on needles. Remove comb and bind off in whatever method you like.

*Carriage is set so that only selected needles will knit.

Gloria Cossairt, Markle, Indiana

4. Quickly-hung hem. Brother.

Bring to B position the required number of needles. Select every other needle and bring forward. With cast on comb in position, and both PART buttons in, knit 1 row. (I like to use a much lower tension for this row.)

Drop cast on comb, but leave in place. Bring end of yarn 2 pegs beyond the last needle knit. Release PART buttons and knit required number of rows for hem.

Bring forward the same set of every other needles, lift comb and hang loops formed on first row back on these needles.

Knit 1 row at looser tension. Hem is finished.

For Studio, and other brands, bring every other needle forward, and set the cam to knit selected needles only. Knit 1 row. Return cam setting to stockinette, and proceed as above. However, cast on comb must be used.

Barb Smith, Edina, Minnesota

5. Good hem for stiff, heavy yarns.

Scrap on several rows with a contrasting yarn. Thread carriage with main yarn. Turn tension down about 2 whole numbers. Knit 10 rows (or desired depth).

Turn tension to garemnt tension and knit 1 row. Count down 2 rows (9th row knit) and hang that row onto the 11th row.

Now knit 8 more rows. Hang the first row onto the 19th row for the completed hem.

6. Options.

After scrapping on yarn, knit a row of Ultrite or sewing machine thread in place (or with) the first row of yarn.

Use this to hang the hem, so the hem can't be seen.

Also, instead of turning down the tension for the hem facing, extra rows could be knit on the outside (front) of the hem to make it longer from the hemline to where the facing of the hem is hung. This new idea is to m ke a definite, immoveable hem that cannot move or "roll", so that a shortened facing will pull it down, or even slightly under, and therefore not require any harsh blocking or pressing.

Demonstrated by Joanne Persichetti, Lafayette, Co., at a seminar

7. Invisible hem

Begin with scrap yarn on every other needle. Knit 6 to 8 rows. Knit 1 row of contrast marker thread.

"e" wrap on these needles with nylon monofilament thread (Ultrite-clear) by making an "e" and knitting each stitch through the marker thread by hand.

Pull ALL needles to work position. Now, with your main yarn, knit 1 tension tighter than main garment for 18 rows (or 2 rows less than front side of hem).

Counter at 0. Knit 20 rows and hang hem from the loops of Ultrite onto every other needle.

Knit 1 row at a looser tension and continue with garment.

8. Automatic Cast on & Garter Bar Hem.

Bring all needles for width of g rment to "B" position. On push-button machines, push every other button. On card machines (Brother 800, 820, & Studio 313 & 321) use a punched card that has every other hole punched. OR use the 1 x 1 pusher to bring out every other needle.

On Brother machines push in both PART buttons (so needles in B position will NOT knit). On machines with handle to pull, bring out every other needle.

Thread yarn and run carriage across (yarn will be laid across every other needle). Secure end of yarn opposite carriage. Hang cast on comb. Bring all needles to "B" position. Note: Studio punch lace comb works very well.

Release both PART buttons, then take carriage across in opposite direction. (yarn will be caught on all needles). Weights may be hung on cast on comb.

Knit number of rows for hem at tighter tension than garment.

Change to garment tension and knit 2 more rows than knit for underside of hem.

Slip garter bar through first row of loops, brining it through from the back with teeth toward you, then remove cast on comb. Hang those loops on every other needle, first having brought needles out to C position with 1 x 1 needle pusher.

Knit 1 row to hang hem and continue with garment.

Mr. Duane Rowe, Wathena, Kansas

9. Invisible hem.

Knit an invisible hem using a nylon thread like "Ultrite". Cast on E.O.N. using garment yarn, then cast on loosely using Ultrite over E.O.N.

Knit hem as usual using garment yarn, then hang hem by transferring Ultrite to E.O.N. Hem is now ready to be knit.(closed)

10. Quick hem.

Place required number of needles in Work Position. With 1 x 1 pusher, bring E.O.N. forward to D or E position. "e" wrap these needles only.

Knit the first 2 to 3 rows carefully. Complete hem, knitting 2 more rows on front side of hem, and chaning tensions as for any hem.

Hang loops from edge on E.O.N. Knit closing row at looser tension.

Fred Stafford, Atlanta, Georgia
(repeated from his Hints & Kinks article in KMN&V, Aug.'73)

11. Garter bar hem with knife-like edge.
Materials needed: a cast on comb and garter bar. For practise, use a yarn that knits up loosely at Ten. 8 on every needle.

Hang cast on comb. Pull out 60 needles to position B. Carriage at left. Use 1 x 1 pusher or buttons or a card to bring every other needle out to C position. Set carriage for slip or part knitting.

Ten. 8. Yarn in feeder, run carriage across to right side, then lower cast on comb. There should be 2 hooks of the comb in each loop of yarn.

Change to Ten. 7. Set machine for plain stockinette knitting. Knit 11 rows. Change to Ten. 8, knit 1 row, ending with carriage at right.

Set machine for slip or part and bring carriage to left side. This free pass gets the carriage in the proper position to resume knitting. Place the strand of yarn behind the knitting, passing it around the right end of the cast on comb. Take up slack in yarn.

Place needle stopper of garter bar back of needle butts and pull needles as far forward as possible, locking them with the needle stopper. Push all stitches behind the latches, using index finger or back of the garter bar. Be sure all latches are open.

With grooves up, hang garter bar on hooks of needles. Holding garter bar at a slight angle with left hand, grasp cast on comb with right hand and pull the knitting onto the garter bar. It helps to pull at an angle, eltting one end of the cast on comb lead in the pulling.

Make sure all stitches are on the garter bar and as far down in the slots as possible. Open all latches by gently sliding the garter bar backward and forward until all latches stay open. Remove garter bar from needles and turn it around so that yarn is now on same side as carriage.

Position garter bar on top of needles in such a manner that the hooks of the needles will be in the grooves, ready to catch the stitches. With left hand exerting a slight downward pressure on the center of the garter bar (you may use both hands if you like) pull the bar toward you, thus catching the stitches in the needle hooks. Turn tha garter bar down to check that all stitches are properly caught. Lower garter bar and disengage from knitting, allowing one end to lead in the removal of the bar.

Remove needle stopper and with edge push all needles back to "B" position. Knit 1 row to the right.

Repeat the entire process, beginning with #5 above, turning another row. This garter stitch turning row makes the sharp edge a good hem needs.

Change to ten. 7 and knit 8 rs. Knit 2 rs at ten. 8 and 2 rs at ten. 9. These tension changes are important.

Bring all needles forward as far as possible with needle stopper and lock them into position. In doing this, pull down on the cast-on comb, thus keeping the stitches in the hooks. Do not allow the stitches to get behind the latches. After the needle stopper is locked in place, bring the knitting out horizontally with the cast on comb, and keep the knitting taut. With the grooves of the garter bar down so the stitches will slip off easily, push the garter bar up thru the loops of the cast on row. Every other prong of the garter bar should be through a loop. Lift the garter bar up, and hang each eye of the bar on the needles, turn it forward, thus dumping the stitches onto the needles. Remove the cast on comb and garter bar.

Push all stitches back on the stems of the needles. Squeezing the hem together will accomplish this easily. Remove needle stopper. Set machine to knit all stitches back to position B. At ten. 9 run the carriage across to the left, thus sealing the hem. Knit 1 row at ten. 8. Change to ten. 7 (main ten.) and continue to knit the garment.

If you have difficulty with any particular step in the above procedure, take the time to practise that step over and over until you are proficient. Knitting is spelled with 2 p's--patience and practise.

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RIBBERS THAT CAN DO TUBULAR
KNITTING

DESIGNED BY JEANNE SLAZER
OLYMPIA, WASHINGTON

CIRCULAR GLOVES

Material: Trenzado at Ten. 5.2 or Caraglo at Ten. 6 on 503 DB
Gauge: regular: 8 sts, 11 rs = 1"; stretch gauge: 7½ sts, 11 rs = 1"

RIGHT GLOVE:

Shift handle in center, pitch lever P, 66 sts both beds. Push out of work every other needle for 1 x 1 rib.

Bind off cast on Ten. 0.
Rib 21 rows (counter reads 25 rows). Carriage on right.
Transfer all sts from ribber to back bed.
Transfer 33 sts to front bed, having rib opening on carriage side.

Set carriage for tubular: Pitch on H, back cam on R, front cam on L for 503.
Counter at 0. Ten. 5.2.
Knit 9 rows. (Counter reads 18).

GUSSET FOR THUMB:

Counter 0, carriage at right, continue circular on all sts.
Form gusset by increasing 1 st each bed every 2nd row in the following manner:
1st inc: move 4 sts out each bed, pick up inside purl bump and hang on empty needles (2 sts inc.) Knit 2 rows.
2nd inc: move 5 sts out " " "
3rd inc: " 6 " " " " "
4th inc: " 7 " " " " "
5th inc: " 8 " " " " "
6th inc: " 9 " " " " "
7th inc: " 10 " " " " "
8th inc: " 11 " " " " "
9th inc: " 12 " " " " "
10th inc: " 13 " " " " "
This equals 20 sts increased and 20 rows (counter reads 40).

Carriage on right. Put all sts in hold EXCEPT 20 gusset sts. RC 0.
Knit 20 rs (counter reads 40).
Decrease by putting 2 sts on <u>every 4th</u> needle so there are 8 sts on each bed.
Knit 1 row.
Again decrease by putting 2 sts on <u>every</u> needle so there are are 4 sts on each bed. Knit 1 row. Cut yarn having about 3" left, thread 2 eye needle and take off sts.

PALM:

Put 33 sts on each bed back in work, take off on scrap yarn and rehang, turning so you have the first 5 sts from the back bed on the thumb side on the front bed on the thumb side.

Counter 0, carriage on right.
Knit all sts 14 rows (counter reads 28).
Put 7 sts each bed on left in hold for little finger. Knit 8 more rows. RC 0.

FIRST FINGER:

Carriage on right. Put all needles in hold except 9 each bed on carriage side.
Knit 24 rows (RC 48).
Decrease having 2 sts on every 4th needle so there are 6 sts each bed. Knit 1 row.
Decrease 2 sts each needle, knit 1 row. Take 3 sts each bed off on yarn.

mar.'75

SECOND FINGER:

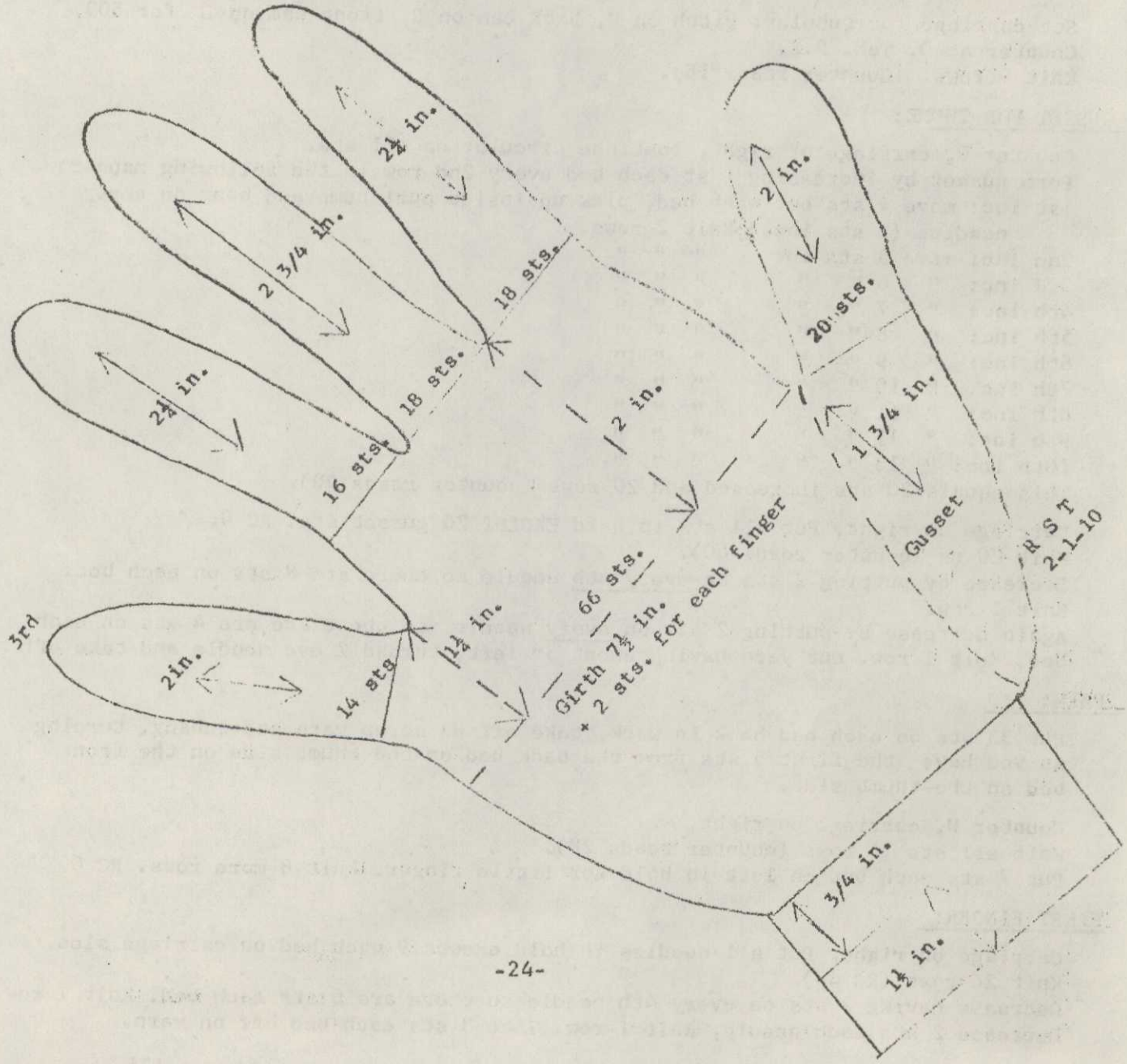
Put 9 sts each bed in work. Knit 30 rs. (counter reads 60 rs.)
Decrease as before, having 7 sts each bed. Knit 1 row.
Decrease having 4 sts each bed. Knit 1 row. Take off on yarn.

THIRD FINGER:

Put 8 sts each bed in work. Knit 24 rs. (RC 48 rs.)
Decrease having 6 sts each bed. Knit 1 row.
Decrease 2 sts each needle. Take off on yarn.

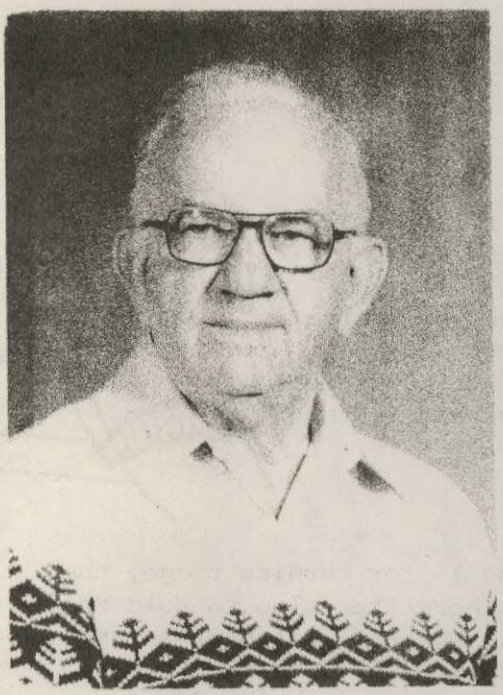
FOURTH FINGER:

Put 7 sts each bed in work. Knit 20 rows. (RC 40 rs)
Decrease down to 9 sts.
Knit 1 row. Take off on yarn.



THE MISTERKNITTERS

FRED STAFFORD, ATLANTA, GEORGIA



Fred is a man of many hobbies and he loves "gadgets" of all kinds - cameras, radios, tape recorders, etc. As a small boy, he borrowed the motor from his mother's sewing machine, attached it to his toy boat, and ran it around the bathtub. So when his wife bought a knitting machine in the Fall of 1969, naturally the first thing he did was take it apart to see how it worked. He became so interested in its operation that he was always playing with it when Frances wanted to knit. Finally, in desperation, she told him that if he wanted to play with a knitting machine he should get his own, which he did, and that's how it all started.

The first sweater he made for himself was less than a success - he knit 5 sleeves before he got 2 that fit right, but he persevered and his second was a perfect fit, although he didn't know how to make buttonholes, so had to take them to a professional seamstress to have them put in by sewing machine. The pattern for this sweater is included elsewhere in this issue - this time with buttonholes knit in!

After Fred retired the next year, he devoted much of his time to knitting. He likes to experiment and spent hours practicing various techniques on the machine until he was proficient. However, he and Frances had no teacher to help them and had to read all the books and magazines on machine knitting they could find and figure it all out for themselves. In October, 1971, they attended a seminar in Pittsburgh sponsored by Hazel Mae Selzer and learned more in two days there than they had in two years struggling along alone.

Since then, Fred has attended many seminars around the country, had been a guest demonstrator at a number of them and has made many good friends among the machine knitters from coast to coast.

MAN'S CLASSIC CARDIGAN (Continued)

sts. opposite carriage each row (be sure to wrap last holding st. next to carriage each row to avoid holes.) Continue until 7 sts. remain in Hold on each side. Take these 7 sts at one time on next 2 rows. At this point add rows to lengthen sleeves for a tall man. This pattern calls for sleeve length from this point to wrist of 16½".

RC000 Dec. 1 st. each side every 7 rows to 68 sts. and R 122. Place on ribber and work 1x1 ribbing 20 rows and bind off. Or finish with a hem or 40 rows in mock rib. Sew sleave and underarm seams.

MAN'S CLASSIC CARDIGAN

EASY PATTERN FOR
ANY MACHINE

FRED STAFFORD
ATLANTA, GA.

SIZE 40, Short
MATERIAL: 20 oz. Caraglo or Sport Yarn
TENSION: 10 on every needle
GAUGE: 6 sts = 1"; 17 rows = 2".

BACK
Cast on 132 sts. Tens. 8. Knit 11 rows. K 1 row for turning ridge, K 11 more rows at Tens 9 and hang hem. RC000 Tens 10 Knit 124 rows to armhole (for 14½" length;. for a taller man add rows at this point.) Bind off 7 sts. beginning next 2 rows. Dec. 1 st. each side EOR 7 times to 96 sts. Work even to Row 208. Short row for shoulders (33 sts. each shoulder) 8 sts each side 3 times and 9 sts. once. Take 33 shoulder sts off on scrap. B.O. 38 sts. for back of neck.

FRONT (Knit 2 - reverse shaping)
Cast on 64 sts. Tens 8 K 11 rows. K 1 row Tens 10 for turning ridge, then cast on 19 sts. for front border on one side. Hereafter slip to Hold Pos. the 9th st. in from border edge for turning st. EOR and knit back in on next row. Tens 9 K 11 rows and hang hem. (On Left side of front put in buttonhole on Row 7 of hem - with scrap yarn hand knit over the 4 center sts on each side of band, leaving 3 sts each side of buttonhole plus the center st for turning. Repeat buttonhole on rows 24, 52, 80, 108, and 136. Finish buttonholes later by your own method, or see Machine Knitters Workbook for complete directions.)

Tens 10 RC000 K 124 rows to armhole. (Adjust for length here.) B.O. 7 sts for underarm, decrease 1 st. armhole edge EOR 7 times AND AT SAME TIME on Row 138 begin V neck shaping. Dec. 1 st. inside 19 st. border (move over border sts to fill empty needle) every 4th row 17 times to 52 sts (33 shoulder sts + 19 border sts.) Put border sts in Hold while short row shape shoulders as for back, and take off on scrap. Then continue border sts for 24 rows and take off on scrap.

Block fronts and back. Place shoulder sts from one side of back and similar side of front on machine, right sides facing together, 2 sts. on each of 33 needles. Bind off together, using bind off behind gate posts. Sew border across back of neck to center back, then weave sts. together with Kitchener stitch to finish neck band. Turn under band at turning stitch and sew down on inside.

SLEEVES
Pick up 102 sts. in armhole. Working in short rows, begin on the 30 sts in center, with 36 sts in hold on each side, push back 2

(cont. on p. 25)

GIFT OF THE MONTH

MADE ON BROTHER 820
BUT COULD BE DONE ON
ANY MACHINE THAT CAN
DO A TUCK STITCH

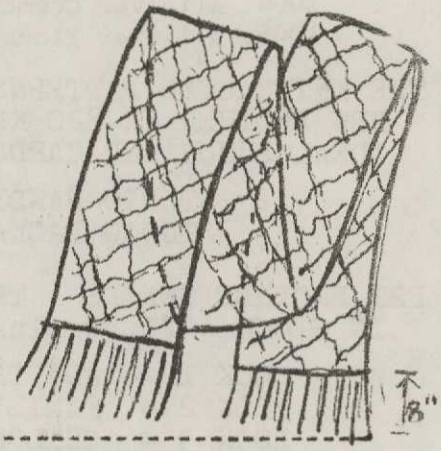
DESIGNED BY BETTY SZKOLA
BETTY'S KNITTING CORNER,
DORMONT, PA.

LACEY STOLE

Material: about 4 oz. (excluding fringe) 2/20 cone yarn, used 1 strand; weighted comb

Tension: 8

Pattern: Brother diamond tuck design or design of your choice (must be TUCK)



Cast on 90 sts, using chain cast on.
Knit 4 rows in stockinette stitch.

Set machine for tuck.
Knit 1000 rows, or to desired length.

Knit 4 rows stockinette.
Chain stitch bind off.

Block, then add fringe. (No need to crochet side edges as this does not roll.)

CORRECTION ON "BIG DADDY" SWEATER (Feb.'75)

(Must have been too much medication!) Materials: 5-6-6-7-7-7-7 sk. Red Heart 4 ply

Shoulder shaping for both front and back should read as follows:
Bind off 5-5-5-5-5-5-6 sts. Knit 2 rs. Bind off 5-5-5-5-6-6-6 sts, knit 2 rs.
Bind off 5-5-6-6-6-6-6 sts, knit 2 rs. Bind off 6 sts all sizes beg of row.
This is 21-21-22-22-23-23-24 sts for shoulder and for back neck only you will have rem'ing: 12-13-13-14-14-15-15 sts.

Shape front neck: Dec 1 st at front edge every 5th row 9-10-10-11-11-12-12 times altogether.
Sorry if this has caused you difficulty.

TRIM OF THE MONTH

EDGING FOR PONCHOS, COATS, ETC.

Originated by Kay Decker, Buchanan, Mich.

Hang the neck stitches. Rib necessary number of rows, tightening tension 1 notch every 2 rs for length. Do 1 turn row on looser tension. Rib same number of rows, loosening tension 1 notch every 2 rows. Transfer ribber sts to main bed.
Knit a desired number of rows in stockinette st and B.O. loosely. Fold neck to right side of garment and sew B.O. edge to garment.
Variation: Depending on how you hang neck sts:
if you hang garment with right side to you before you rib, when you fold & sew in place, you have smooth knit side on edging. If you hang garment wrong side to you, you will have a rough, rounded, cord-like edge around neck. Both are very attractive.

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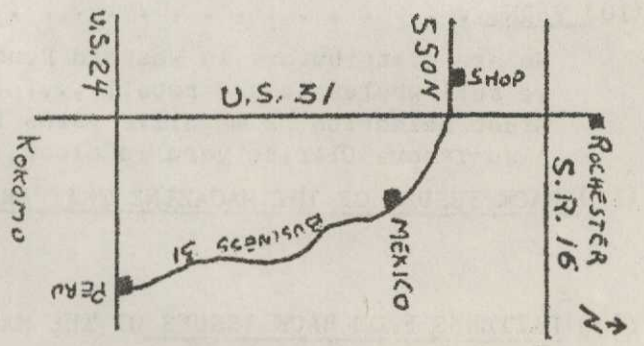

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